



PATENT

Attorney Docket No. NATURES.015A

Date: May 13, 1999

Page 1

A

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

ATTENTION: Box Patent Application

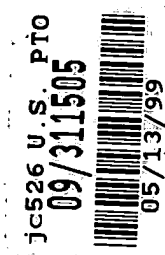
Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): **Peter T. McCarthy**For: **METHODS FOR CREATING CONSISTENT LARGE SCALE BLADE DEFLECTIONS**

Enclosed are:

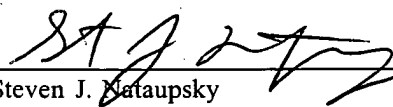
- (X) Ten (10) sheets of drawings.
- (X) A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
- (X) Initial signed Declaration and Power of Attorney by inventor.
- (X) Return prepaid postcard.



CLAIMS AS FILED

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$380	\$380
Total Claims	25 - 20 =	5 x	\$9	\$45
Independent Claims	11 - 3 =	8 x	\$39	\$312
If application contains any multiple dependent claims(s), then add			\$130	\$0
			TOTAL FILING FEE	\$737

- (X) A check in the amount of \$737 to cover the filing fee is enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 11-1410. A duplicate copy of this sheet is enclosed.
- (X) Please use Customer No. 20,995 for the correspondence address.


Steven J. Nataupsky
Registration No. 37,688
Attorney of Record

SJN-7915:jr
051399

INTELLECTUAL PROPERTY LAW
KNOBBE, MARTENS, OLSON & BEAR

A LIMITED LIABILITY PARTNERSHIP INCLUDING
PROFESSIONAL CORPORATIONS

PATENT, TRADEMARK AND COPYRIGHT CAUSES

620 NEWPORT CENTER DRIVE

SIXTEENTH FLOOR

NEWPORT BEACH, CALIFORNIA 92660-8016

(949) 760-0404

FAX (949) 760-9502

INTERNET: WWW.KMOB.COM

LOUIS J. KNOBBE*
DUN W. MARTENS*
GORDON H. OLSON**
JAMES B. BEAR
DARRELL L. OLSON*
WILLIAM B. BUNKER
WILLIAM H. NIEMAN
LOWELL ANDERSON
ARTHUR S. ROSE†
JAMES F. LESNIAK
NED A. ISRAELSEN
DREW S. HAMILTON
JERRY T. SEWELL
JOHN B. SGANGA, JR.
EDWARD A. SCHLATTER
GERARD VON HOFFMANN
JOSEPH R. RE
CATHERINE J. HOLLAND
JOHN M. CARSON
KAREN VOGEL WEIL†
ANDREW H. SIMPSON
JEFFREY L. VAN HOOSEAR
DANIEL E. ALTMAN
ERNEST A. BEUTLER
MARGUERITE L. GUNN
STEPHEN C. JENSEN
VITO A. CANUSO III
WILLIAM H. SHREVE
LYNDA J. ZADRA-SYMES**

STEVEN J. NATAUPSKY
PAUL A. STEWART
JOSEPH F. JENNINGS
CRAIG S. SUMMERS
ANNEMARIE KAISER
BRENTON R. BABCOCK†
THOMAS F. SMEGAL, JR.
MICHAEL H. TRENHOLM
DIANE M. REED
JONATHAN A. BARNEY
RONALD J. SCHOENBAUM
JOHN R. KING
FREDERICK S. BERRETTA
NANCY WAYS VENSKO
JOHN P. GIEZENTANNER
ADEEL S. AKHTAR
THOMAS R. ARNO
DAVID N. WEISS
DANIEL HART
JAMES T. HAGLER
DOUGLAS G. MUEHLHAUSER
LORI L. YAMATO
STEPHEN M. LOBBIN
ANN A. BYUN
ROBERT F. GAZDZINSKI
FRED C. HERNANDEZ
STACEY R. HALPERN†
MICHAEL K. FRIEDLAND
DALE C. HUNT

LEE W. HENDERSON
DEBORAH S. SHEPHERD
RICHARD E. CAMPBELL
MARK M. ABUMERI
JON W. GURKA
KATHERINE W. WHITE
JOSEPH J. BASISTA
ERIC M. NELSON
ALEXANDER C. CHEN
MARK R. BENEDICT
PAUL N. CONOVER
JOHN P. MUSONE
ROBERT J. ROBY
SABING H. LEE
KAROLINE A. DELANEY
JOHN W. HOLCOMB
JAMES J. MULLEN, III
JOSEPH S. CIANFRANI
JOSEPH M. REISMAN
WILLIAM R. ZIMMERMAN
GLEN L. NUTTALL
ERIC S. FURMAN
DO TE KIM
TIRZAH ABE LOWE
GEOFFREY Y. IIDA
ALEXANDER S. FRANCO
SANJIVPAL S. GILL
SUSAN M. MOSS
GUY PERRY

OF COUNSEL
JERRY R. SEILER
JAPANESE PATENT ATTY
KATSUHIRO ARAI**
EUROPEAN PATENT ATTY
MARTIN HELLEBRANDT
KOREAN PATENT ATTY
MINCHEOL KIM
SCIENTISTS & ENGINEERS
(NON-LAWYERS)
RAYMOND J. SALENIKS**
MICHAEL L. FULLER**
NEIL S. BARTFELD**
DANIEL E. JOHNSON**
JEFFERY KOEPKE
KHURRAM RAHMAN
JENNIFER A. HAYNES
BRENDAN P. O NEILL
MARRINA O. MEI
THOMAS Y. NAGATA
ALAN C. GORDON
IRFAN A. LATEEF
AMY C. CHRISTENSEN
SHEILA N. SWAROOP

Assistant Commissioner for Patents
Washington, D.C. 20231

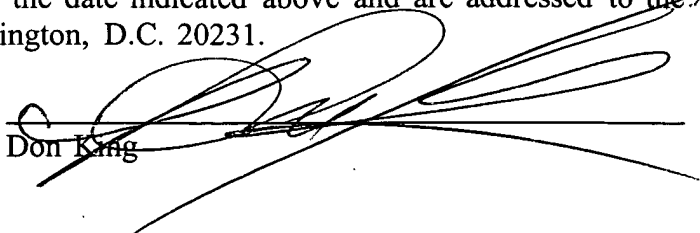
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : NATURES.015A
Applicant(s) : McCarthy
For : METHODS FOR CREATING
CONSISTENT LARGE SCALE BLADE
DEFLECTIONS
Attorney : Steven J. Nataupsky
"Express Mail"
Mailing Label No. : EM090592159US
Date of Deposit : May 13, 1999

I hereby certify that the accompanying

Transmittal in Duplicate; Specification in 53 pages; 10 sheets of drawings;
Declaration and Power of Attorney in 2 pages; Small Entity Statement; Check
for Filing Fee; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to
Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the
Assistant Commissioner for Patents, Washington, D.C. 20231.


Don King

SJN-7916:jr
051399